March 18, 1988 Issue 429

DXpedition News

Bouvet - 3Y The Bouvet operation was cancelled without any contacts. Storms and fog prevented the helicopter from landing. The ship's captain was very upset over the way the ship's communications were monopolized by anxious DXers seeking information.

Howland Island - KH1 Jim Smith VK9NS has been active as T30JS from Tarawa prior to his departure Mar. 23 for Howland. Look for NO1Z/KH1 around Mar. 25 or 26, for 5-6 days. More details in Issue 428.

Indonesia - YB The Colvins are active as YBØAQL Iris, and YBØAQM Lloyd, from the station of YBØSY, through the end of March. The station is very well equipped with amps and monobanders. QSL Yasme.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Wallis Island - FW Adriano IK2GNW and Angelo IK2CKR will continue their operation /FW through March 27. Watch 28550, 21195, 14195, 7050, 3795 on SSB and 28020, 21020, 14020, 7002, and 3520 kHz on CW, listening up about 5 kHz. Maybe 160, too. QSL I2PQW for 'GNW, and home call for 'CKR. Air mail response from Italy costs about US$1.50.

Guinea - 3X Franco I8YGZ will operate 3XØA Mar. 25-April 7, 160-10 meters.

Tuvalu - T2 JF2MBF will be on from Tuvalu (OC-15) Mar. 11-23, on 40-6 meters, running a Yaesu FT757GX and beam. QSL to JR2HCB. On 6 meters watch 50.110 MHz, and QSL to JF2KOZ. Thanks Japan DX News.

Amir 4X6TT is now active as T25TT from Tuvalu. He's aiming to move on to Tarawa T30 soon. See Bandpass for favorite frequencies. QSL 1988 Callbook address only.

Andorra - C3 Dr. K. Wayne Tope KK4AJ will soon be on from Andorra on 80-10 meters, CW, SSB, and digital modes. Write for skeds to BP 34, Andorra La Vella, Andorra, Via France, Europe.

Mariana Island - KHØ Gary NY6M and Ken KH2F will be on as NY6M/AHØ May 27-30 from Saipan, 160-10 meters (and presumably the CQ WPX CW test.) They'll listen up 5-10 kHz. QSL NY6M.

Tahiti - FOØ DL4MBE continues his Pacific tour with an operation from FOØ Mar. 17-24. See Bandpass for DL4MBE/FK for operating habits.

Reserve Your Island
CQWW WPX SSB - March 26-27

- Montserrat VP2ML will be on Mar. 22-28, mainly SSB on 28495, 21245, and 3785 kHz. Cross mode on 21195 kHz for Novices. WARC bands, too. QSL to K1RH with 25 cent SASE.
- Montserrat Chek W1SD will be on as VP2MET Mar. 19-April 2. Watch 3790, 7190, 14190, 21290, 28590 and 5 or 25 kHz up on CW. QSL to W1SD.
- Guam Take JL1BLW will operate as JL1BLW/KH2 Mar. 24-28. QSL home call.
- Indonesia Several YBØ DXers will go to Bangka Island to operate either YE4X or YE4Z for the test. Ops are YBØSY, YBØTK, YBØDPO, and YBØEMJ.
- India Tom K3TW/VU2TJW will be on as ATØT in both SSB and CW WPX tests. QSL via KE3A.

Shortly Noted

- 3D2VU Karl has been very active on 3505 at 11-1300Z, 7004 at 10-1100Z, 21025 at 01-0200Z and 2130Z, and at other times.
- 9N1MM is often on 14185 kHz at 01-0130Z.
- AP2MQ continues to delight West Coast DXers with a good signal on 14180-190 kHz at 0230-0400Z.
- SØRASD has been on 21250 kHz +/- at 1700Z and 14220-230 kHz at 1800Z.
- 20 meter SSB net regular include: EA9KQ 5N8KBM 1Z9B T5GG 9X5AA 4S7RO TR8SA SVØAC/SV9 VO1KS/4U A92EM and KH9AC.

RTTY Report

- T77J likes 21095 kHz at 1300Z.
- 5B4TX is on 14081 kHz at 1150Z.
- V85GA works Europe on 14084 at 0930Z.
- J39BS has been active on 14098 at 2000Z.
- J73EH was also on 14084 at 2000Z.
- P29JD is on 14082 kHz at 0415Z Sundays.
- 6T2MG is active on 14086 kHz at 2000Z.
- 3C1MB continues to haunt 14090 kHz at 2330Z and 21091 kHz at 1650Z.
- BV9GA on 14090 kHz at 0130Z.
- J88BN 21082 kHz at 1730Z.

PROPAGATION

Forecast and Historical Data

Day March	Forecast	27 Days Before Date	Flux	A	K	55 Days Before Date	Flux	A	K
18	High Nor	2/20	109	03/08	1	1/23	108	01/07	0
19	Disturbed	2/21	107	17/49	3	1/24	106	02/08	0
20	Disturbed	2/22	105	70/123	5	1/25	98	04/10	0
21	Disturbed	2/23	103	27/48	2	1/26	97	08/13	3
22	Low Normal	2/24	102	12/17	2	1/27	105	11/19	1
23	Low Normal	2/25	98	12/16	2	1/28	106	07/11	0
24	Low Normal	2/26	99	101/5	3	1/29	102	04/07	1
25	High Nor	2/27	98	07/11	1	1/30	103	01/07	0
26	High Nor	2/28	99	07/09	2	1/31	106	02/07	1
27	High/Above	2/29	105	02/07	1	2/1	109	01/07	0

Thanks N4XX, KH6BZF, and Space Environment Services.

Propagation Watch

We expect below average band conditions for much of the next week, as the part of the sun that brought us the major solar storm on Feb. 22 rolls around. The solar disturbance is unlikely to be as energetic as it was in Feb., but look for disturbed conditions for a couple of days around Mar. 20.

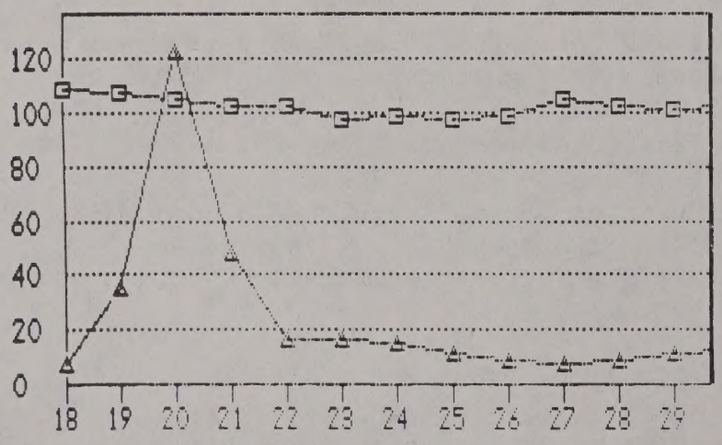
Remember that band conditions are often enhanced just before the onset of the solar storm. Check out the bands March 18 and 19.

The consistently high solar flux has meant that 10 meters has been open almost daily, mainly to low latitudes. The higher latitude paths such as the Northeast to Europe, or West Coast to Japan open less often, but suggest what we will be enjoying soon.

Meanwhile 15 has been open world-wide every day, with excellent signal strengths. 20 meters is open far into the night, providing insomniac DXers plenty of long-haul excitement.

The low bands continue to yield much good DX, as seasonal noise levels are still low, and low absorption keeps signal strengths high. Pay particular attention to grayline openings.

The forecast for CQWW WPX SSB Mar. 26-27 looks good. The solar flux should increase during the weekend, while absorption should stay low. Look for excellent north-south propagation on 10, world-wide openings on 15 and 20, and low band conditions at least as good as we had for ARRL SSB. Scores will be much higher than last year, thanks to 10 meters. [Work VP2ML in the WPX! -paid commercial announcement.-ed.]



Solar flux (squares) and planetary A Index (triangles) for 27 days prior to dates below.

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Which propagation graph format do your prefer? Look over Issues 422-428, and vote on your preference by mail or telephone. Thanks for your help. -ed.

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Postage Rates Increasing

Within the next few days, the US Postal Authorities will raise the rates for US postage. This increase will affect DXers in several ways.

1. Bureau Postage. If you send envelopes and stamps to your ARRL incoming QSL bureau, send them some 3 cent stamps to bring the postage up to the minimum for one ounce. If you send money for envelope and postage credit, the bureau will adjust credits accordingly, but it wouldn't hurt to send them some additional funds. (And you might enclose a short Thank You note for all the help these volunteers offer.)

2. SASE Postage. Start using at least 25 cents worth of stamps on stateside SASEs now. By the time the card is returned to you, rates will be higher, and your 22 cents won't get the card back to you. QSL managers will be stuck for quite a bit of extra postage in the next months; don't add to their deficit.

3. Airmail Postage. The new postage stamps will not have a denomination, but will carry the letter "E" until new 25 cent stamps are widely available. The "E" stamps cannot be used for postage outside the United States. In other words, you can't send cards to Canada, Mexico, or overseas using "E" stamps. Use 22 centers and other denominated stamps for international mail.

4. The DX Bulletin Subscription. See below. Subscription rates are going up; renew now.

Western Sahara

The DX Advisory Committee and the ARRL Awards Committee have announced that Western Sahara SØ will be a re-activation of the deleted Rio de Oro EA9 DXCC listing. Rio de Oro is removed from the deleted list and added back to the DXCC Countries List, raising the total country count to 319. There is no 'effective date,' as the country now counts as though it were never deleted. Contacts with SØRASD do count for DXCC, but do not submit them before June 1, 1988. [This is tough on those DXers near the Honor Roll, as older DXers who have Rio de Oro confirmed will be able to get credit for same in the next Honor Roll listing, while those who worked SØRASD recently will have to wait for a future, monthly listing. -ed.]

The DXCC will change the name of the DXCC listing from Rio de Oro to Western Sahara.

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The DX Bulletin Subscription Rates Increasing

With the increase in postage rates, The DX Bulletin must reluctantly increase its subscription rates. Postage is by far the largest expense in producing the bulletin, and the 14% increase in First Class postage forces us to increase First Class Mail subscription rates by 9% to $38 for one year (50 issues.) Thanks to some quirks in postal regulations, we can hold the increase in Second Class rates to only 4%, to $29. The overseas Airmail rate will stay the same at US$50.

These increases are effective April 3, 1988. However, in thanks to your loyal support over the past years, any current subscriber may extend his or her subscription for up to two years at the old rates: $35 First Class Mail, $28 Second Class Mail, up to May 1, 1988. (Your subscription expiration date is on your mailing label; be sure to enclose a recent mailing label with any renewal payment.)

So much for the bad news. The good news is that The DX Bulletin will be expanding by an additional 4 pages each month, starting soon. The extra pages will be a special reference section with QSL information, propagation data, awards information, and more. Watch for it.

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BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----

8P6QA	14089	0400	11	CA
9Y4RJS	14092	0045	11	CA
FT5ZB	14088	0350	7	CA
GD4RAG	14085	1825	5	CA
HC1SC	14086	0145	4	ND
J39BS	21089	2139	5	ND
PY0FC	14086	0125	9	CA
RA3AL	14091	1520	27	CO
RV9FQ	14090	1402	28	ND
T30JS	14086	0233	13	CA
TG9VT	14094	0152	1	CA
TI2ZW	14082	1700	6	ND
TI8ZB	14086	0127	2	ND
UA9AKR	14089	1640	7	CA
VO1FE	14093	1840	8	CA
Y76ZL	14087	1740	6	ND
YB0QC	14094	1332	3	MN

-----160 Meters-----

4U1UN	1838	0439	5	ID
4X5NJ	1832	0354	6	MD
9Q5NW	1827	0505	6	MD
C56/ DJ1RL	1833	0420	4	MI
C56/ DF3ZJ	1833	0403	6	MS
CT3BZ	1847	0731	5	IL
D44BC	1840 SSB	0625	8	WA
EA9AM	1842	0636	5	IL
FM5BH	1835	0353	3	ID
G3RBP	1832	0526	3	WA
HK0HEU	1842	0404	6	WA
J52US	1828	0006	1	MD
KL7Y	1835	0639	3	WA
OZ7JZ	1837	0245	22	MI
PY1BVY	1832	0222	3	WA
TI2CC	1847	0433	5	ID
TI2MEN	1845	0330	3	ID
UR2GT	1833	0229	1	WA
VP2M/ AA4NC	1838 The Last Resort	0401	4	WA

-----80 Meters-----

3D2VU	3506	1111	9	CA
4K0E	3506	1338	1	CO
5W1GX	3507	1425	6	CA
C21NI	3501	1132	23	PA
C56/ DF3ZJ	3507	2327	27	MD
CN2AQ	3505	2302	23	PA
FT5ZB	3507	1405	8	CA
J52US	3508	2347	28	PA
JA5CZE	3504	1116	6	NH
KH2R	3506	1230	25	MI
UA0FFR	3509	1114	27	PA
UA0ZC	3503	1105	5	NH
UW0LT	3502	1213	29	AL
VK9LM	3510	1118	5	NH
XF1C	3503	1135	6	NH
YJ8NJS	3504	1111	6	NH

-----75 Meters-----

5B4OA	3790	2308	27	MD
5W1GX	3779	1340	4	WA
FW/ 4X6TT	3799	1200	3	OH
HK0HEU	3794	0203	25	CO
J52US	3778	0338	5	CO
JD1/ JR1CAD	3795	1439	13	CA
TA1AR	3796	0114	4	MA
VK2CWG	3799	1145	7	OH

-----40 Meters-----

3A2OA	7012	0437	4	CT
3B8CF	7004	1435	8	CA
3D2VU	7005	1005	9	OH
5H1HK	7001	0340	3	MI
5H1HK	7003	1519	7	CA
5H3JH	7007	0315	28	CA
5W1GX	7011	1021	9	OH
BV6KZ	7008	1101	3	CA
CI8CW	7002	0339	6	PA
FK8FS	7004	1303	5	MN
FP1AW	7003	0549	3	WA
FR5ES	7006	1320	4	MT
FT5ZB	7006	1634	10	OR
FT5ZB	7006	1300	23	MI
FT5ZB	7006	0059	6	MN
FW/ 4X6TT	7088	1131	1	MD
KH6IJ	7006	0452	4	CT
P29PL	7001	1256	29	AL
PY0FC	7004	0454	12	CA
PZ1AV	7009	0911	6	OH
UD6DKW	7010	0106	4	MA
UF6FHM	7002	0141	4	MA

-----30 Meters-----

3B8CF	10102	0306	8	PA
3D2VU	10103	0908	12	CA
5W1GP	10108	0917	12	CA
J34WG	10103	2215	26	CT
OH2BVM	10106	2208	3	MA
OZ9XD	10103	2330	1	FL
P43ARC	10108	1309	4	MA
UA6XDO	10100	2343	1	FL
UP1BYL	10105	0035	4	FL
UQ2AS	10105	2329	3	MA
Y25WJ	10101	2153	3	MA

-----20 Meter CW-----

3A2OA	14004	1439	2	PA
3B8DA	14024	0330	8	KY
3D2VU	14025	0634	5	GA
4K0E	14012	1232	3	MA
5A/I8RKC	14029	1500	6	MA
9J2KF	14033	2220	2	FL
9J2KF	14020	2008	6	MN
9Q5DA	14020	2124	3	MA
BV2DA	14005	1240	2	MA
BY9GA	14018	0115	1	GA
BY9GA	14030	0030	3	MA
CE0ZIG	14010	0226	4	MN
CN8VE	14005	1336	6	PA
FK8/ DL4MBE	14025	0500	7	FL
FW/ IK2CKR	14005	0643	9	CA
HZ1AB	14020	0630	9	CA
JT/OK1XC	14028	1437	7	CA
JW0B	14007	0003	2	OH
KH3/ KL7LF	14020	0005	3	MA
KX6DS	14033	0620	9	CA
RA0AA	14031	0145	6	MA
RI8AP	14025	0126	9	KY
RI9AAM	14019	0304	2	WA
RZ1OWA	14018	0318	3	CA
RZ1OWA	14024	2256	8	AZ
RZ1OWA	14027	2250	1	FL
RZ1OWA	14015 Franz Josef	1251	3	AL
T20AA	14031	0441	8	CA
T25TT	14041	0411	13	CA
T44CO	14011	2330	4	OR
TR8JJC	14020	2110	2	GA
U1CZ	14005	1630	13	CA
U1P/ UA1OIL	14015 Oblast 114	1506	3	CA
UD6DKW	14009	0308	8	WA
UD6DX	14023	0426	13	CA
UG6GAT *	14007	1322	6	MN
UG6GG	14012	1524	3	AZ
UG6GRA	14011	1443	7	CA
UI8BL	14026	1600	7	CA
UI8IK	14003	0227	12	CA
UI9AWX	21029	1335	2	AL
UI9GWW	14008	1513	1	CA
UL7GCI	14019	1235	3	MA
UL7XE	14008	1414	5	MN
UM8MRG	14018	0220	2	ND
UV0BB	14016	0140	9	KY
VS6UW	14023	1216	3	MA
YN3CC	14012	0501	4	CA
ZC4AP	14014	1735	28	CA
ZC4EE	14012	2050	2	MA

-----20 Meter SSB-----

1Z9B	14165	1336	1	MD
1Z9E	14226	1707	12	CA
3V1ALI	14193	2317	10	NY
4K1J	14205	0046	3	OH
4S7NMR	14164	1258	22	MD
5V7SA	14170	2200	3	NC
5W1GX	14166	0400	4	GA
9M2RT	14196	0606	11	CA

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When you work a station, say you saw his callsign in The DX Bulletin.

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9N1MM	14184	0111	8	GA
9V1WU	14201	1243	3	MA
AH9AC	14215	0423	10	CA
AP2MQ	14180	0340	11	CA
C6AAA	14160	2325	2	CA
CI8CW	14119	0122	8	OH
EX0CR	14182	0116	2	OH
FW/ IK2GNW	14193	0508	10	CA
J52US	14219	2112	5	AL
KC4USV	14300	0420	3	MA
KC4USV	14300	1206	5	OH
P29GE	14222	0627	27	FL
PY0FC	14202	0413	7	VA
PZ1BK	14165	1135	7	OH
PZ2AC	14205	0220	3	GA
S0RASD	14226	2251	11	CA
TJ1BP	14165	2308	2	NC
TK5EP	14188	2024	27	MA
TP0CE	14199	2104	11	CA
TZ6KL	14216	0108	1	NC
TZ6PS	14188	2148	7	AL
U8MI	14162	0209	10	OR
UI8BBV	14170	0340	10	OR
UI8ZAA	14194	0405	8	OR
UJ8JCM	14202	0305	10	OR
UJ8JCM *	14174	1243	26	MD
UJ8SAD	14172	0155	1	CA
UZ0KWO	14203	0132	29	GA
XU1SS	14164	1258	22	MD
YB0AQL	14165	1227	8	MD
YI1BGD	14202	1409	3	GA
YJ8JH	14189	0434	2	WA
ZD7AF	14160	2145	8	AZ

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Tell Your Fellow DXers About The DX Bulletin!

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-----15 Meter CW-----

3D2VU	21024	2134	7	KY
9J2BO	21060	1550	4	GA
A61AB	21002	1320	4	AL
C31JHJ	21019	1410	29	GA
CE0FFD	21025	1647	13	CA
CN8AQ	21027	1659	13	CA
HK0BKX	21014	2317	6	MN
RL7LCT	21028	1341	2	PA
S0RASD	21014	1520	28	MA
UD6DKZ	21017	1323	29	AL
UD6GF	21039	1310	5	FL
VP8BNO	21038	2140	3	FL
ZB2EO	21007	1908	4	MA

-----15 Meter SSB-----

3V1ALI	21289	1853	12	CA
5T5EV	21341	1346	27	MD
5Z4ET	21330	1846	4	MA
5Z4MR	21257	2024	5	MA
9Q5NW	21250	2207	5	AL
9X5AA	21290	2100	4	MA
A4XKB	21255	1405	1	GA
CE0DFL	21270	2144	3	NC
CN8EL	21232	1832	4	NH
CN8FB	21345	2034	4	NH
D44BC	21257	1953	12	CA
H44DL	21263	2048	27	MD
HV3SJ	21285	1639	12	CA
HZ1AB	21311	1423	2	AL
J52US	21300	1355	1	GA
KH2F	21258	2220	4	GA
KH3/W5YL	21331	2221	6	MD
S0RASD	21250	1648	9	CA
S92LB	21254	2100	3	CA
T25TT	21295	2303	11	CA
TA3C	21232	1623	2	CA
TR8SA	21301	2100	10	CA
VR6IG	21289	1900	3	OH
VR6TC	21348	1822	4	MA
YB3ASQ	21290	2245	3	GA

-----12 Meters-----

3D2VU	24895	0000	13	CA
P43ARC	24900	1316	4	MA

-----10 Meter CW-----

FT5ZB	28028	1409	2	PA
PZ1AV	28021	1410	5	FL
YN3CC	28003	1940	4	FL

-----10 Meters-----

5H1HK	28563	1732	5	AL
A22BW	28480	1958	5	CA
FO0AQ	28450	2324	5	CA
H44DL	28490	2106	5	CA
HP1XOR	28458	1844	11	CA
J52US	28460	1520	6	CA
J87CD	28316	1627	5	MA
KH2F	28515	0003	13	CA
LU1ZA	28450	1915	6	CA
T30JS	28531	0112	12	CA
YJ8NJS	28408	2127	5	AL
ZK1AR	28450	1955	6	MD
ZL7IX	28435	0107	12	CA

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Now available: Postage-paid Report "cards." Contact The DX Bulletin for a free supply.

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Key to Bandpass: Callsign, frequency, UTC, day of month state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

8 00498 88/10
A A LAUN K3ZO
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

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CALENDAR

Issue 429 - Mar. 18, 1988

(Changes and hot info in boldface.)

Andorra - C3	**by KK4AJ soon**	I429
Amsterdam - FT8Z	FT5ZB 1832 14-1500Z	I426
	7006 0100Z	I428
Antarctica - 4K	4K1J 2330-0230Z	I428
Aruba - P4	**P40V WPX SSB**	I425
China - BY	20 M CW/SSB 0030-01Z	I423
Curacao - PJ2	PJ2/N5RM May 24-31	I427
Faroes - OY	OY/DK9FE May 8-27 CW	I424
Fiji - 3D2	**4X6TT soon**	I428
Grenada - J3	Mar by K4LTA	I406
Guam - KH2	JA2NQC Mar. 28-30	I426
	JL1BLW/KH2 Mar 24-28	I429
Guinea - 3X	**3X0A Mar 25-Apr 7**	I429
Guinea-Bissau J5	J52US 1827 2345Z	I426
	21225 1330Z	I428
Hong Kong - VS6	VS6DO 3505 1120Z+	I420
Howland - KH1	**by VK9NS Mar. 25-30**	I428
India - VU	**AT0T WPX SSB, CW**	I429
Indonesia - YB	**YB0AQL, YB0AQM**	I429
	YE4X or Z in WPX SSB	I429
Kerguelen - FT-X	FT2XE now active	I428
Kingman - KH5K	**April for 1 week**	I427
Lord Howe- VK9L	**by JAs Mar 20-28 WPX**	I424
Madeira - CT3	**CR3CU WPX SSB**	I428
Mariana - KH0	**NY6M/AH0 May 27-30**	I429
Mauritius - 3B	3B8CF 3507.2 1430Z	I420
Midway - KH4	**NY6M/KH4**	I427
Montserrat - VP2M	**VP2ML WPX SSB**	I424
	VP2MET Mar. 19-Apr 2	I429
Monaco - 3A	3A8E, 3A8F in tests	I425
Morocco - CN	CN8FC 21030 1700Z	I424
Nepal - 9N	9N1MM 14236 00Z Wed	I428
N. Antilles - PJ	PJ2/W1BIH Now-Mar	I416
Pakistan - AP	AP2MQ 14185 0200Z	I428
Palmyra - KH5	**April for 1 week**	I427
Pitcairn - VR6	VR6ID 21305 1700Z	I425
Nicobar - VU4	**by VU2RBI soon ?**	I428
Nigeria - 5N	5N0WRE 15 SSB 1700Z	I420
	3797 at 0600Z	I428
St. Kitts - V47	WB1AUW/V47 Mar 13-21	I427
Seychelles - S79	W2PN Mar 29-Apr 5	I425
South Cooks ZK1	by G3MCN to Apr. 20	I428
Spratly - 1S	by DUs in April ?	I428
Tahiti - FO0	FO0TFL Mar. 15-22	I425
	DL4MBE Mar 17-24	I429
Tonga - A3	by W9GW Mar 12-22	I426
Tuvalu - T2	T22VU for 3 weeks	I428
	JF2MBF Mar 11-23	I429
Wallis Is. - FW	**by IK2s to March 27**	I429
West Sahara - S0	S0RASD 14183 1800Z	I424
Zaire - 9Q	9Q5NW 21250 1930Z+	I420
	1835 kHz at 0430Z	I420
	9Q5DA 7005 0530Z	I421
	14003 2130Z 15M CW 2100Z	
Zone 2	**VE8CW Mar 5-19**	I427
Zone 23 - BT0	Feb. 25-June 30	I424

DX Activities and Contests

Date	Event or Activity	Info
Mar. 19-20	Bermuda Contest	CQ
Mar. 19-21	BARTG RTTY Test	CQ
Mar. 26-27	CQ WPX SSB	CQ
	Reserve Your Island Today!	
Mar. 31	DXCC Honor Roll	QST
April 1	Aruba QSLs to DXCC	QST
April 22-24	Visalia DX Conv.	TDXB

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: N4XX, KH6BZF, AB8K, AJ8B, K0CVD, K1TG, K2EWB, K4LNA, K6IR, K7SLI, K8NN, KA1WR, KA4YAE, KA6SAR, KA7T, KB4UMO, KB6QEW, KD7SO, KE7X, KJ4VH, KK4LM, KM9J, KV4AM, N1CIX, N1QY, N4NO, N4PKL, N8EKS, NCDXC, NW6P, NX7K, W0LHS, W1CYB, W1HH, W1HZ, W1JR, W1NH, W3FM, W3MFW, W5XX, W6BJI, W6GO, W6JOX, W7AWA, W8CHV, W8RJP, W8UVZ, WA1NPZ, WA7AWA, WA7WOC, WB2CHO, WB3AVN, WK6E, WS4F, KA1BSZ, N1DYI, N6AAD, K4XU, YB0SY, IK2GNW, WK4I, KK4AJ, NY6M, W1AW, W1SD, JL1BLW, KT7H, and Japan DX News.